

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/28540

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 G02F1/161 G02F1/153 G02F1/15

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/075556 A1 (WU ZARNG-ARH GEORGE ET AL) 20 June 2002 (2002-06-20) cited in the application  page 1, paragraph 13 - paragraph 14 page 5, paragraph 63 - page 6, paragraph 74 ----- US 5 847 860 A (LOWE ANTHONY CYRIL ET AL) 8 December 1998 (1998-12-08) column 4, line 30 - column 5, line 63; figures 3,4 ----- -/-/	1-3, 22-25, 32,39, 43,53, 54,56-60  1,3-7, 11-16, 21,22, 25,51,52
A		

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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Date of the actual completion of the international search

15 December 2003

Date of mailing of the international search report

02.03.2004

Name and mailing address of the ISA  
 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Stang, I

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 557 (P-1817), 24 October 1994 (1994-10-24) & JP 06 202166 A (TONEN CORP), 22 July 1994 (1994-07-22) abstract -----	1,22
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 093 (P-351), 23 April 1985 (1985-04-23) & JP 59 219723 A (NIPPON DENKI KK), 11 December 1984 (1984-12-11) abstract -----	1,16,22
A	US 5 082 355 A (WARSZAWSKI BERNARD) 21 January 1992 (1992-01-21)  column 18, line 27 - column 19, line 5 column 21, line 3 - column 24, line 9; figures 16,18; example 11 -----	1,4-9, 22,43, 51,52
A	US 6 351 328 B1 (BYKER HARLAN J) 26 February 2002 (2002-02-26)  column 11, line 54 - column 12, line 51 column 15, line 29 - line 44; example 1 -----	16-20

## Patent Family Annex

Information on patent family members

International Application No

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